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ICS 33.040.30
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6068-2024

Overall architecture and technical requirements of IP bearer network for aggregation layer edge cloud

面向汇聚层边缘云的IP承载网络总体架构和技术要求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6068-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the overall architecture and technical requirements of IP bearer network for convergence layer edge cloud, including IP bearer networking requirements, network reference system and technical characteristics, interface, QOS guarantee, security, operation support, evolution and other technical requirements for convergence layer edge cloud. This standard is applicable to the planning and construction of IP bearer network for convergence layer edge cloud, as well as the research, development and technology introduction of related network equipment.

YD/T 6068-2024 falls under ICS 33.040.30, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 3118-2026 - Parameters and methods of test for website IPv6 support

YD/T 6069.1-2024 - Technical requirements for open converged network equipment for network edge nodes - Part 1: General architecture

YD/T 6070-2024 - Technical requirements for live streaming systems based on the Quick UDP Internet Connection (QUIC) protocol

5 Classification and status

International classification (ICS): 33.040.30

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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